IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) A software generation system comprising:

a specification analysis means which analyzes an object-oriented specification for deriving specification information;

an optimized information input means, which is operable after a program is written, for inputting optimized information from an external unit, indicating a necessity or lack of necessity for use of a dynamic generation function for dynamic generation of an instance representing one of a set of object oriented functions;

a function removing means which checks said specification information derived by said specification analysis means and the optimized information input via said optimized information inputting means by collating with a predetermined function removal rule, which removes a function which becomes unnecessary from a set of object-oriented functions by which members are realized, for generating from the specification information and the optimized information, program information excluding the unnecessary function; and

a code generation means for generating a code according to said program information obtained by said function removing means.

8. (Previously Presented) The software generation system according to Claim 1, further comprising:

an analysis result display means for displaying a status of use of an object-oriented function by which a member is realized from the specification information.

11. (Currently Amended) A software generation system comprising:

a specification analysis means which analyzes an object-oriented specification for deriving specification information;

an optimization instruction input means, which is operable after a program is written, for a system operator inputting an optimization instruction via an external unit, indicating use or lack of use of respective object oriented functions contained within a set of object oriented functions;

a function removing means which checks said specification information derived by the specification analysis means and said optimization instruction input via the optimization instruction inputting means, by collating

with a predetermined function removal rule, which removes a function that becomes unnecessary from said set of object-oriented functions by which members are realized, for generating from the specification information and the optimization instruction entered by said system operator, program information excluding the unnecessary function; and

a code generation means for generating a code according to said program information obtained by said function removing means.

12. (Previously Presented) The software generation system according to Claim 11, further comprising:

an analysis result display means for displaying a status of use of an object-oriented function by which a member is realized from the specification information.